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Consideration of the application as amended is respectfully requested.

Respectfully submitted,

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**Marked-up Version of Amended Claims and Specification
Pursuant to 37 C.F.R. §§ 1.121(b)-(c)**

In the Specification:

At page one:

--PRIORITY CLAIM

This is a § 371 U.S. National Stage of PCT/US00/75666, filed June 8, 2000, which was published in English under PCT Article 21(2), which claims the benefit of U.S. Provisional Application 60/138,192, filed June 9, 1999.--

In the Claims:

22. (new) An antigen composition comprising synthetic cardiolipin, synthetic lecithin, cholesterol and ethanol, wherein the concentration of cardiolipin is between approximately 0.02 and 0.04%, the concentration of lecithin is between approximately 0.11 and 0.16%, and the concentration of cholesterol is approximately 0.9%.

23. (new) An antigen composition comprising between approximately 0.02 and 0.04% tetramyristoyl cardiolipin, between approximately 0.11 and 0.16% 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphocholine, approximately 0.9% cholesterol, and ethanol to volume.

24. (new) An antigen composition comprising approximately 0.03% tetramyristoyl cardiolipin, between approximately 0.11 and 0.16% 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphocholine, and approximately 0.9% natural cholesterol in absolute ethanol to volume.

25. (new) A method for detecting the presence of *Treponema pallidum* in a human comprising:

(a) obtaining a biological sample from a human;

(b) combining the biological sample with a composition comprising between approximately 0.02 and 0.04% tetramyristoyl cardiolipin, between approximately 0.11 and 0.16% 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphocholine, approximately 0.9% cholesterol, and ethanol to volume; and

(c) detecting an immunocomplex formed between an antibody in the biological sample and the composition.

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